

THE POPULAR SCIENCE MONTHLY

THE SCIENCE PRESS

NEW YORK CITY: SUB-STATION 84
GARRISON, N. Y., AND LANCASTER, PA.

Garrison, N.Y.,

July 20, 1907.

Dr. E. A. Mourne,
Fort Totten, N.Y.

Dear Sir:-

We beg to call your attention to the fact that 'Mammals of the Mexican Boundary of the United States' is a book that could be advertised to advantage in THE POPULAR SCIENCE MONTHLY. The MONTHLY is read by those who are likely to purchase such a book and is read by over nineteen hundred libraries.

Very truly yours,

THE POPULAR SCIENCE MONTHLY

F. T. F.
ADVERTISING MANAGER

books in recent issues of *The Popular Science Monthly* are:

The Macmillan Company.
D. Van Nostrand Company.
P. Blakiston's Son and Company.
The University of Chicago Press.
Houghton, Mifflin and Company.
Tennant and Ward.
Thomas Y. Crowell and Company.
A. N. Marquis and Company.
Frederick A. Stokes and Company.
Lemeke and Buechner.
A. S. Barnes and Company.
G. P. Putnam's Sons.
Henry Holt and Company.
D. Appleton and Company.

We trust that the lower advertising rates now offered will lead all publishers of standard books to use space regularly in *The Popular Science Monthly*. They can thus reach most directly and at the lowest cost those who read, purchase and recommend scientific books and those who buy standard books of all kinds. We shall also welcome the cooperation of authors who appreciate the advantages of seeing their books advertised where they will be brought to the attention of those interested.

THE SCIENCE PRESS,

GARRISON, N. Y.

LANCASTER, PA.

NEW YORK: SUB-STATION 84.

The Popular Science Monthly

and the advertising of
scientific books.

The Popular Science Monthly is now the best place to advertise scientific books. Since its establishment in 1872 the *Monthly* has reached those people who are most likely to read and purchase books of a scientific character. Its former advertising charges of fifty dollars a page were not high considering the audience addressed. There are now good magazines with less than half the circulation of the *Monthly* which charge those rates and good journals with one-tenth its circulation which charge half these rates.

But while *The Popular Science Monthly* is stronger than ever before, its advertising rates have recently been reduced to \$10 net a page. This reduction has been made because we should rather print two hundred pages of publishers' announcements a year at \$10 a page than forty

THE POPULAR SCIENCE MONTHLY

Advertising Rates in effect September 1, 1907.

One page.....	\$12
Preferred position.....	18
Outside cover.....	24

DISCOUNTS

12 pp.....	33	1-3 per cent.	1 p.....	16	2-3 per cent.
6 pp.....	30	"	1-2 p.....	10	"
2 pp.....	25	"	1-4 p.....	5	"

Less space net.

These discounts hold for space used within one year. Thus the cost of one page is \$10 net whether used in one issue or in four or more issues within one year. There are no other discounts or deductions of any kind or to any one. Terms net, 30 days.

The rates per insertion for space used within one year are:

	ONE ISSUE	TWO	SIX	TWELVE
1 page	\$10.00	\$9.00	\$8.40	\$8.00
1-2 "	5.40	5.00	4.50	4.20
1-4 "	2.85	2.70	2.50	2.25
1-8 "	1.50	1.43	1.38	1.25
1 inch	.75	.75	.72	.68

The size of the page is 8x5½ inches.

Copy must be received before the twelfth for insertion in the number published on the twenty-fourth of each month.

All advertisements are subject to approval.

THE SCIENCE PRESS

NEW YORK CITY: SUB-STATION 84

GARRISON, N. Y., AND LANCASTER, PA.

pages at \$50 a page. We want the advertisements because they are of interest to our readers. They will tend to increase still further our subscription list, and this will add still further to the value of the advertising space.

The Popular Science Monthly is subscribed for by over 1900 public libraries; it is subscribed for or read by a majority of those in this country who have any interest in science; it has the largest foreign circulation of any American scientific journal. If one quarter or one tenth of those who read the *Monthly* purchase a book its success is assured. An advertisement in it introduces a book more directly and cheaply than is possible in any other way.

It obviously pays to advertise books when this can be done efficiently and economically. The first cost of printing a book requires a sale of from 500 to 1,000 copies to meet expenses. But after a book is once printed, each sale yields a larger profit than is the case with ordinary commodities. Further each book sold tends to sell others. It would be worth while to spend \$2.50 to sell a single copy of a \$2.50 book. A quarter page advertisement in the *Monthly*, costing \$2.50

at page rates, could scarcely fail to accomplish this. It might tend to the adoption of a textbook increasing its sales by hundreds or thousands.

It is also true that, quite apart from commercial profits, an author wants his book to be read and its publication known. There are very few scientific books whose sales pay for the time spent on them. An author publishes because he wants to advance science and because it is part of the duties of his position. It is consequently important, even apart from the effect on sales, that the publication of a book should be made known.

Publishers and authors do not seem to realize fully the advantages of advertising books that have been published in preceding years. They may be as valuable as ever, but the sales become small, because the books are not brought to the attention of those concerned. The proceeds of sales are clear profits and may lead to a new edition. All new books should be advertised in *The Popular Science Monthly* as a matter of course, but it would also pay to advertise there many books other than those which have just been published.

Among the publishers who have advertised

THE POPULAR SCIENCE MONTHLY

The *Monthly*, now in its sixty-ninth volume, is one of the half dozen great American magazines; its circulation is the largest of any journal of its class; its charges for advertising are low. There are good journals with half the circulation of the *Monthly* which charge four times as much.

The Popular Science Monthly has a very large library circulation, including nearly all educational institutions; it is subscribed for or read by most of the scientific men of this country and by those having scientific interests; it has on its list a large percentage of men of wealth and influence; it has a relatively large foreign circulation.

The high standards that have always been maintained in the editorial pages of the *Monthly* must give weight and influence to the advertising pages. When a magazine is filled with fiction and sensational articles its advertisements are less likely to be trusted. Only advertisements of the highest class are accepted for the *Monthly*.

The advertising space in a magazine costing three dollars a year is worth more than in cheaper magazines. The copies are likely to be read by a number of persons, to be preserved and bound.

At the rates charged *The Popular Science Monthly* is one of the most desirable mediums for all advertising of a high class. For special advertisements, appealing to the intelligent and well-to-do with scientific interests, it is without a rival.

THE SCIENCE PRESS

NEW YORK CITY: SUB-STATION 84

GARRISON, N. Y., AND LANCASTER, PA.

WORLD BOOK COMPANY, PUBLISHERS
 CASPAR W. HODGSON, MANAGER



NEW YORK ADDRESS: PARK HILL, YONKERS, NEW YORK

TELEPHONE NUMBER: "1511 YONKERS"

MANILA ADDRESS: POST-OFFICE BOX 1100, MANILA

Yonkers, N. Y.
 23 August 1907

Dr. Edgar A. Mearns
 Post Surgeon
 Fort Totten
 Long Island, N. Y.

My dear Sir:

Captain McCoy has just written me from the Yosemete Valley telling of your roaming through Mindanao and Mindoro as a naturalist. I am making a map of the Philippine Islands and am sending you a statement about it. I will also send you a blue print of Mindanao and Mindoro upon which I would like to have you make corrections and additions as accurately as you can. I'll promise you a complimentary copy of the map when it is done. If you will let me know at once whether you will be available for this, I will forward the print very promptly.

I would like to get anything you do within a week as I leave for Manila within two weeks and want all corrections made on the map before I go. It is now being engraved on stone.

Yours very truly, *C. W. H.*
 CASPAR W. HODGSON

CWH-MLH

UNITED STATES NATIONAL MUSEUM
WASHINGTON

Sept. 17. 07.

Dear Dr. Mearns:

Glad to see you back again!

When shall we see you in the Bird
Gallery?

A collection arrived here yesterday, out
of which we received 884 skins, but there
is no sign of that Dr. Porter collection among
them! I have reserved 884 entries in
our catalogue book for your birds, but if
there are any more on the way I should
like to know of it before I catalogue
any other material. Not any of the skins
are labeled. Do you expect to supply the
labels, or send on the register to us, so that
we can write them? We have a large number
of blank labels on hand for that purpose.

Have not yet seen your descriptions of
new birds in the Journ. of Sci., but the June

no. is the last we have received here.

I am interested to know what your new genus is. Is it the Edolioxona-like bird from Mindanao? I think that is a new genus.

Suppose you will be at home on your birth-day this year, but you need not let it interfere with dropping me a line instantly. Hope it will not take a week or more after the event before you can hold a pen.

You will find some changes here: new secretary; Dr. Ralph dead (July 8); new building getting into shape; Mr. Ridgway in Illinois, recovering from nervous breakdown; Miller in London; 5 new storage cases on bird gallery, etc., etc. Bartach goes to Philippines on the 20th. Wants to see you if he can.

Best wishes from C.W.R. & Riley.

Yours etc.,

Chas. W. Richmond.

WORLD BOOK COMPANY, PUBLISHERS
CASPAR W. HODGSON, MANAGER



NEW YORK ADDRESS: PARK HILL, YONKERS, NEW YORK

TELEPHONE NUMBER: "1511 YONKERS"

MANILA ADDRESS: POST-OFFICE BOX 1100, MANILA

Yonkers, New York.
October 18, 1907.

Dr. Edgar A. Mearns,
Fort Totten
Long Island
New York

Dear Sir:

Captain F.R. McCoy, who very kindly looked over part of the large map of the Philippine Islands which the World Book Company is issuing, mentioned you as a traveller and explorer well acquainted with various parts of the Philippines, and especially with Mindanao. He suggested that you might be willing to look at a blue print of the map and correct any errors that you might find. A letter asking this favor of you was sent to you, but as no answer has ever been received, it is probable that the letter did not reach you.

Enclosed is a print of Mindanao. If you can take the time to go over it, we shall be greatly indebted to you, and shall be glad to send you a copy of the map as soon as it is printed. We are somewhat pressed for time, as the engraver is almost ready to begin on Mindanao, and therefore request an early answer.

Yours truly,

Caspar W. Hodgson.

Mar?

M/P

See over

Data from this outfit: World Record the "Lucky"

Barangay, on Baganga Bay about $7\frac{1}{2}^{\circ}$ Lat.

Padada Bay and Is. 7 $\frac{1}{2}$ N. Lat.

Gorong town, Bay + more $7\frac{1}{2}^{\circ}$ N. Lat

Villages on the Masway R. 7 $\frac{1}{2}^{\circ}$ " "

Malit at head of Puigdon Bay little below 7° N. Lat.

Cikman Id. is a little N. of $5\frac{1}{2}^{\circ}$ N. Lat at intersection
of lines drawn E. from most southern and south
from most eastern point of Mindanao

Davao, on Davao R. just N. of 7° N. on Gulf of Davao

Salcedo Id., near center of Gulf of Davao

Tayulaya, on W. shore Gulf of Davao

Sarangani Ids. (Balut + Davao) are south of the
most southern point of Mindanao and of $5\frac{1}{2}^{\circ}$ N. Lat

Pollok Harbor and naval station

Malabana east shore of Ilana R. Bay

Tururan at head of " "

Cabug Id. (small) } Iqat Bay, off S. Mindanao Celebes Sea

Iqat Id. (large) }

Flechia Point, W. of Ilana Bay

Imbing on Dumanquiles R. (empties into Ilana Bay).

Davao town at mouth of — — River, emptying
west into Malabana Bay.

Buluan Id. in Sibugay Bay.

Banga Id. in Sibugay Bay

Santa Cruz Id., in Basilan Strait

Little do " " " "

Banalipa Id. in Celebes Sea, S. of Zamboanga, Mind.

(I called this "Molamipa" Miss Ladyhorne shot bats).

Mt. Apo given at 10312 feet.

7th Matutum

WORLD BOOK COMPANY, PUBLISHERS
CASPAR W. HODGSON, MANAGER



NEW YORK ADDRESS: PARK HILL, YONKERS, NEW YORK

TELEPHONE NUMBER: "1511 YONKERS"

MANILA ADDRESS: POST-OFFICE BOX 1100, MANILA

Yonkers, N. Y.
29 October 1907

Major Edgar A. Mearns,
Major-Surgeon U.S. Army.
Fort Totten
Long Island, N. Y.

Dear Sir:

We have received the two packages of blue prints and the information regarding the map for which we thank you. Our engraver is at present at work putting the map on stones and we should be very glad to have you come here sometime very soon and see what we have been doing. The engraver is working right here in the shop. Mrs. Hodgson extends an invitation to you to spend a day or at least a part of a day with us.

You can find our place by taking the subway to Kingsbridge and there transferring to the trolley which will take you to the Park Hill Railroad station where you leave the car and climb the hill. If you will inquire at the elevator at the foot of the hill, you will be able to find us. We hope that we may be favored with a visit from you.

Very truly yours,

CASPAR W. HODGSON

OSR-MLH

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

OFFICE OF
ASSISTANT SECRETARY,
SMITHSONIAN INSTITUTION
IN CHARGE U. S. NATIONAL MUSEUM

Nov 20, 1907.

Dear Dr. Mearns:

I received your letter of Oct. 30, with list of 61 skins you had left at Manila, but the other list of birds left with McGregor promised by you "in a few days" has not yet arrived! Neither has the list from McGregor come. I need it, as I have reached a point where I must eliminate all the known numbers from your register in order to fix several skins that came in without any numbers or other means of identification. If I could check off, for instance, every specimen of Cinnyris whiteheadi, I could then tell the numbers (and write labels) for two skins (an ad. ♂ + imm. ♂) which have no tags. I presume, however, you did not leave any common birds with McGregor, and may be able to do it without the use of the McGregor list. I may have to wait for the birds now on the way before doing so. These have not yet come, although you say they should have reached San Francisco about Oct. 15. I think the bill of lading has come, but nothing more as yet.

We will attend to the matter of Palawan skins from Major White. Were the bird skins already received collected by him or his brother? I believe you said they should be credited to him, and an acknowledgment sent to him.

How about the Schroder birds? Are they to be credited to him or to you, and if to him, what is his address? Some of them you sent in a year ago, and they were catalogued along with yours (under numbers only), and it will be a job to cancel those numbers and get them altogether, but I can do it if necessary. I have finished labelling all but the Schroder and White birds, and will take them up as soon as I learn from you to whom I shall credit them.

I forgot to mention when you were here that Hartert described a
Loriculus philippensis dohertyi from Basilan in ~~Bull. Brit. Mus. Mus.~~^{Nov. Zool.} ~~Chab.~~^{Chab.} XIII,
no. 4, Dec. 22, 1906, 757.

Would you like to have me prepare a new register for you, numbering it
(from where you left off in the last one) with our automatic numbering machine?
I can do this without any trouble in a few days, as I shall have to
number your last 800 birds or more with it in a few days.

Very truly,

Chas. W. Richmond.

Actg' Curator, Div. Birds.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

OFFICE OF
ASSISTANT SECRETARY,
SMITHSONIAN INSTITUTION
IN CHARGE U. S. NATIONAL MUSEUM

Nov. 27. 1907

Dear Dr. Mearns

I have stamped two field registers for you, running the numbers from 15470 to 17800, and have kept over other nine blank. The books will be sent you in a few days.

The work of cataloguing your collections has progressed far enough to enable me to ask a few questions, which I do herewith.

There is a skin of H. leucorhynchus (your name) which has no tag, nor can I find any entry that would fit it (there does not seem to be an entry of chloris in your register that I cannot account for). Do you know anything about it? Possibly it is one that you failed to enter in your register. The specimen is in the last lot (800 or more) received. There is another L. chloris (no name, white name of skin) without tag or label. If it is one of White's, it would make 7 to be credited to him, as we have 6 of his skins without this one. There is a Geopelia striata without tag, and one entry in your register that we have no specimen for. The entry calls for a ♀ "sitting on two eggs". Possibly this is the bird. It differs from your others in not having the "legs crossed". Do you recognize it?

Where is "Camp Wallace, Union"? Where did the mummied Hydrophasianus come from? Is your new Rhipidura called Litchisoni or schroderi? The former is given in your register, but tag on one of Schroder's birds says "Type of R. schroderi". Several of Schroder's birds are missing - probably some of them (e.g. merula) probably in McGregor's hands, but possibly one or two in alcohol. I notice no. 46, Cryptolopha undulans is said to be in alcohol, but it is really a skin. The two preceding entries are Zosterops goodfellowi, which I cannot find. Possibly they are in alcohol. There was a copy of the Schroder list with the papers you left here, so it will not be necessary to send a copy.

Was it no. 14279 (Shrike) or no 14280 (Hornbill) that was skeletonized & left hanging in camp. Can't find either of them.

There is a Cranorbis with tag no. 14115, but this entry in register says "Pardaliparus elegans". I can find no skin of the latter with this number. Possibly you substituted the hornbill for it and forgot to change the entry. Do you recollect anything about it?

In the last lot there were 2 Excalfactoria (♂ ad. + ♀ n. 2 in.) + 1 Turinus without tag or number. I cannot find more than one vacant entry for an Excalfactoria (no. 15291, ♂ ad.). Do you know anything about them?

I have checked off in your register every bird received, and can thus tell what ones are in McGregor's hands, or are otherwise missing, but the questions above relate to the few I cannot settle without your help.

I notice an entry in your register of an "Artamides" from

Basilan, but the specimen proves to be an Edolisoma, so you are fortunate in having two of them.

When you reply to the above queries I may send a few more, but I think the birds are nearly straight now. I have made a list of the islandines (constructed from your register) for Dr. True. What is a Cagwang? I have made out mem. of accession for the Schröder and White specimens, and will see that the proper acknowledgments are sent them.

If you go to the Philippines again it might not be a bad plan to have a duplicate set of numbers stamped on sheets of tough paper, so you could have them for use in cutting up for tags. Let me know before you go on another collecting expedition.

I have asked Oberholser to send you the papers asked for.

Very truly,

Clark W. Richmond,

Acting Curator, Div. Birds.

WORLD BOOK COMPANY, PUBLISHERS
CASPAR W. HODGSON, MANAGER



NEW YORK ADDRESS: YONKERS-ON-HUDSON, NEW YORK
TELEPHONE NUMBER: "1511 YONKERS"
MANILA ADDRESS: POST-OFFICE BOX 1100, MANILA

Yonkers, N. Y.
30 November 1907

Major Edgar A. Mearns,
Fort Totten
N. Y.

Dear Sir:

We are returning under another cover the blue print
which you so kindly sent us, and thank you for this favor.
We were very much disappointed in not having you call on us.
The stone on which Mindanao is engraved has gone to the
lithographers.

Thanking you for your interest in our map,

I am

Very truly yours,

CASPAR W. HODGSON

O. S. R.

OSR-MLH

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

January 4~ 1908

Dear Doctor Meams.

I have today card-catalogued the three baskets you sent me in your last lot. The Malaysians do not excel the Indian women in fine workmanship; but their basketry has far greater differentiation in structural parts. The old piece has twisted body all right; but there is added a footing of rattan that would take the rest of this page to describe. Add the wonderful braidwork on the sides and around the top, and you have a daisy. One hand basket, working so plain, is "hexagonal weave on lattice foundation." The little model carrying basket, with a purely modern air and its close titik as in place of real Malay knots, has an original wrap about the borders of the bottom.

W W W W. The foundation of this bot-
tom could not be plainer. You will see it in
every country yard, by the name of rattee. Well,
the outer cover about the four sides is wrapped
with rattan. A turn and a half is the unit -
down-forward, up-backward + down-forward; or up
-forward + down-backward + up-forward. If you will call
in, I will take a shooting and show you. These pieces
have no pegs, nails, wires, wires, glue, paste, etc.,
only knots. I am very much impressed with
your discriminating judgment in selecting specimens
for me. The three little pieces I sent are awful
wrtg versatility among those known to us. By
the way, the fine old piece is like sketchy, sketchy,
it has no writing or tribe on it. We wish you
a year of health and prosperity.

Yours sincerely
O. J. Pearson

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

October 26-1907

Doctor E. A. Means, U. S. A.

War Dept - Washington, D. C.

Dear Doctor Means.

I was sorry to miss you yesterday, but Doctor True tells me that you will be near. Your generosity to my Department and your intelligent selection of specimens have made me happy and I wanted to tell you so. I can make out ethnology, structure, and technic pretty well, but shall be glad to have a word from you now and then about material. I am sending you a paper on one of your beauties.

Yours sincerely

O. T. Mason

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

October 3, 1907.

Dear Doctor Mearns:

With your last collection of delightful baskets is a little one, 8 inches long and three inches wide, that might have been made to hold pens and things on a desk. It looks as though it were made of the "cane pith" used in our day for all sorts of things---baby carriages, tables, baskets, and the like. But the end of each separate stem has a little hole in it, as though it belonged to the exogens; so, I have to give up my rattan theory and fall back on the interrogation point. Do you know someone who can tell me the material of which this dainty little wicker basket is made? It is a great help to us to get possession of the name of the material,---both the English and the native.

With kindest regards and best wishes, I am,

Very truly yours,

O. T. Mason
Head Curator of Anthropology

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

OFFICE OF
ASSISTANT SECRETARY,
SMITHSONIAN INSTITUTION
IN CHARGE U. S. NATIONAL MUSEUM

Jan. 10, 1908.

Dear Dr. Mearns:

I forwarded to you yesterday two parcels of separates of your paper from the "Philippine Journal of Science", and took the liberty of holding a third smaller batch of copies here for use in labeling your types, etc. If you will give me a list of the men to whom you wish copies sent, I shall be glad to distribute the copies as far as they will go (I have 23 copies here).

I have labeled your types, except Malindangia negregori, which appears to be still in Manila.

Mc Gregor has several papers in the same number of the 'Journal'; he describes a new genus (Comiquinia) and several species from Camiguin, and a Terpsiphone and Zosterops from Batan.

Very truly,

Charles W. Richmond.

Acting Curator, Div. Birds.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

Jan. 11. 1908.

Dear Dr. Mearns:-

I am very much obliged for your letter of Jan 8th, enclosing one from Mr. M. A. Merritt. He will look out for the Tamarao and I am making inquiries also about other things. As soon as I find out what it is best to ask for, I will have a letter written to Mr. Merritt.

He had a request yesterday from Capt. F. R. McCoy at the White House for copies of your paper on Philippine mammals, one copy being intended for the President. The matter was taken up immediately and I presume the President has his copy in hand by this time.

Hoping you are well. I am with kind regards Yours very sincerely
Major E. A. Mearns USA. *J. W. True*
Fort Totten, N. Y.

JOHN F. DRYDEN, President.
LESLIE D. WARD, Vice President. FORREST F. DRYDEN, 2nd Vice President.
JACOB E. WARD, 3rd Vice President. WILBUR S. JOHNSON, 4th Vice President and Comptroller.
EDWARD GRAY, Secretary.
GEORGE B. SPEER, Supervisor Ordinary Agencies.



The Prudential Insurance Company of America.

HOME OFFICE, NEWARK, N.J.

TELEPHONE 4807-CORTLANDT.

IN RE Application.

WILLIAM DUTCHER, MANAGER,
ORDINARY DEPARTMENT,
ROOMS 1003-1007, 141 BROADWAY,
NEW YORK CITY.

Jan. 16, 1908.

My dear Major Mearns:

I enclose to you herewith application of J. H. Wetherholt of your post. Will you please examine him, and send the papers to me at your convenience?

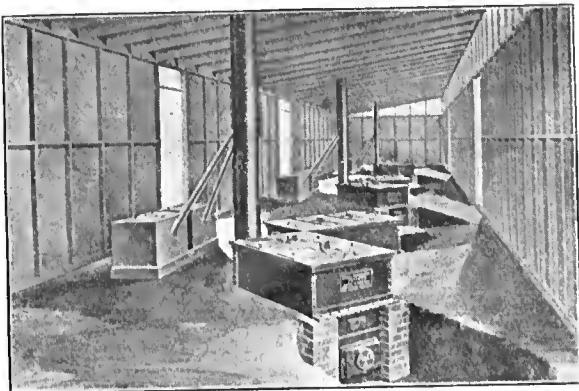
Very truly yours,

Manager.

JM

To
Maj. E. A. Mearns,
Surg. U. S. A.,
Fort Totten, N. Y.

I had a letter from Basel a few days since; he is looking fwd to the time when he can join his family. I hope you take a long horse-back ride daily.



The McCall Incinerators, as in use at the Jamestown Exposition

MC CALL INCINERATOR

JAMES H. MC CALL
PATENTEE, OWNER AND MANUFACTURER

HUNTINGDON, TENN., U. S. A. July 31, 1908.

Maj. Edgar A. Mearns,
Medical Corps, Fort Totten, N. Y.

Dear Sir:

I have the honor to report that I have made a very important improvement in the construction of the McCall Incinerator. This improvement consists of a sheet steel fire box which is lined with a fire proof material, thus obviating the use of brick and the necessity of employing skilled labor in setting up the machines, thereby reducing, to a considerable extent, the cost of installation.

The McCall Incinerator originally had this sheet steel fire box, but for camps of more or less permanency brick were found to be more desirable. The only objection to the sheet steel fire box was that it would warp under intense heat, but in the improved pattern this is obviated by the use of an asbestos lining.

With this improvement the machine can be installed in about one-third of the time required when brick are used, and, in my opinion, will be practicable for use with moving troops, as they can be readily loaded on an escort wagon, ambulance or other transportation.

The fire box is constructed so the superstructure will set upon it without alteration of the other parts of the incinerators. Therefore all of the incinerators now in use by the Government (about 500) can be converted into mobile machines by supplying two fire boxes for each machine, which can be furnished at a nominal cost.

The use of brick is all right for permanent camps, target ranges, etc., but I am quite sure the sheet steel fire box will be preferable for maneuver camps, or moving troops.

A demonstration of the advantages of this improvement will be made at the Maneuver Camp, Fort Benjamin Harrison, Indiana in September next.

Yours truly,

James H. Mc Call.

1841 Vsh ms. Washington, D.C.

Aug 3^d 908

My Dear Major:

Miss Gream's
letter came this morning
and I hasten to ask you
to come with us during
your examination in Sept -

You will be free to go and
come at will and we will
try to furnish sufficient
metamorph to enable you to
endure the trial -

We had Col Eberh and the
privilege of his speech may aid
you -

I remain
Lincerely yours
Timothy Alden



POSTALTELEGRAPH COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

TELEGRAM

REGISTERED TRADE-MARK. DESIGN PATENT NO. 36360

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank.

Received at Postal Telegraph Building, 1345 Pennsylvania Ave., Washington, D. C.

TELEPHONES: MAIN 6600
6601

26Di Ho. 210P 43-pd Govt Ent Di.

Governors-Island NY Sept 28-08

Major Edgar A Mearns,

Medical Corps, Care Surgeon General,

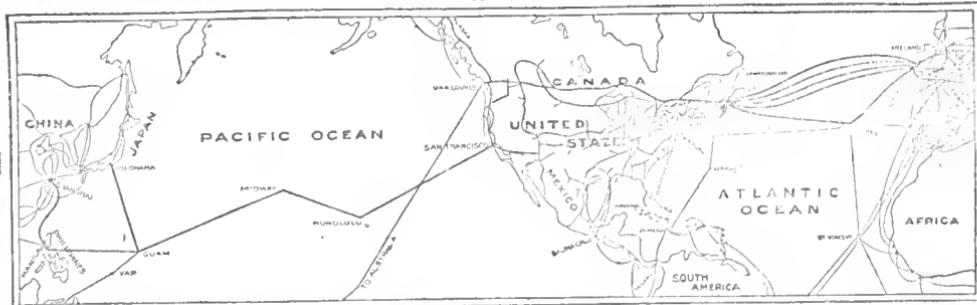
(1841 V Street N-W,) Washn D-C.

"alking test ordered by Special orders two twenty one these
headquarters postponed your case you will be notified later when
to take test acknowledge. By command Major General Grant.

Heistand, Adjt Genl.

POSTAL TELEGRAPH-CABLE COMPANY IN CONNECTION WITH THE COMMERCIAL CABLE COMPANY.

THE WORLD'S
GREATEST TELEGRAPH
AND CABLE SYSTEM.



EXTENDS
OVER TWO-THIRDS
AROUND THE GLOBE.

THE GREATEST TELEGRAPH AND CABLE SYSTEM IN THE WORLD. EXTENDS OVER TWO-THIRDS OF THE WAY AROUND THE EARTH.

THE POSTAL TELEGRAPH-CABLE COMPANY (INCORPORATED)

TRANSMITS AND DELIVERS THE WITHIN MESSAGE SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

To guard against mistakes or delays, the sender of a message should order it REPEATED; that is, telegraphed back to the originating office for comparison. For this, one-half the regular rate is charged in addition. It is agreed between the sender of the message written on the face hereof and the Postal Telegraph-Cable Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any UNREPEATED message, beyond the amount received for sending the same; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any REPEATED message beyond fifty times the sum received for sending the same, unless specially insured, nor in any case for delays arising from unavoidable interruption in the working of its lines, or for errors in cipher or obscure messages. And this Company is hereby made the agent of the sender, without liability, to forward any message over the lines of any other Company when necessary to reach its destination.

Correctness in the transmission of messages to any point on the lines of the Company can be INSURED by contract in writing, stating agreed amount of risk, and payment of premium thereon, at the following rates, in addition to the usual charge for repeated messages, viz.: one per cent. for any distance not exceeding 1,000 miles, and two per cent. for any greater distance.

No responsibility regarding messages attaches to this Company until the same are presented and accepted at one of its transmitting offices; and if a message is sent to such office by one of this Company's messengers, he acts for that purpose as the agent of the sender.

Messages will be delivered free within the established free delivery limits of the terminal office. For delivery at a greater distance a special charge will be made to cover the cost of such delivery.

This Company will not be liable for damages or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an UNREPEATED Message and is delivered by request of the sender under the conditions named above. Errors can be guarded against only by repeating a message back to the sending station for comparison.

The above terms and conditions shall be binding upon the receiver as well as the sender of this message.

No employee of this Company is authorized to vary the foregoing.

CLARENCE H. MACKAY, PRESIDENT

EDWARD J. NALLY, VICE-PREST. AND GENERAL MANAGER

CHARLES C. ADAMS, SECOND VICE-PREST.

CHARLES P. BRUCH, THIRD VICE-PREST.

NO OTHER SERVICE EQUALS THE "POSTAL'S"

HEADQUARTERS DEPARTMENT OF THE EAST,
SPECIAL ORDERS, } GOVERNORS ISLAND, NEW YORK CITY,
No. 221. } September 24, 1908.

[EXTRACT.]

* * * * *

3....In compliance with the provisions of General Orders, No. 79, War Department, May 14, 1908, the following-named officers, having stated their preference for the walking test prescribed in paragraph 4, of the order mentioned, will assemble at the places indicated below for the purpose of undergoing the physical examination and test.

The senior officer of each group taking this test will be held responsible that all conditions of the test are strictly observed by every officer in the group, and he will follow the route submitted by the artillery district commander and approved by the department commander.

At the conclusion of the test the senior officer of each group will submit a detailed report, stating therein the names of the officers participating, the route taken, the distance traveled each day and the hours of beginning and ending the daily march; together with a certificate that the provisions of General Orders, No. 79, War Department, 1908, have been carried out, or, in case of failure by any officer, the circumstances attending such failure.

The physical examination of the officers named will take place October 4, 1908, at the posts where they assemble and will be conducted by the medical officers designated below.

The physical test will be conducted October 5, 6, and 7, 1908.

The uniform to be worn is field dress, consisting of campaign hat, service or khaki coat and breeches with leggings and russet leather shoes.

Within three hours after completion of the third day's walk, each officer taking the test will again be examined by the medical officers.

A supply of blank forms (No. 377, A. G. O.), on which the physical examination should be reported, will be furnished the senior medical officer who has been designated to examine each group by the Adjutant General of the Department. These forms should be carefully filled out and completed in every respect before they are forwarded to department headquarters:

AT FORT H. G. WRIGHT, N. Y.

Colonel *Charles D. Parkhurst*, Coast Artillery Corps, Fort H. G. Wright, N. Y.;

Colonel *Frank Baker*, Ordnance Department, Springfield, Mass.;

Major *Wilmet E. Ellis*, Coast Artillery Corps, Fort Terry, N. Y.;

Major *William C. Davis*, Coast Artillery Corps, Fort Adams, R. I.

A medical board of officers to consist of:

Captain *Allie W. Williams*, Medical Corps, Fort H. G. Wright, N. Y.;

Captain *Harry G. Humphreys*, Medical Corps, Fort H. G. Wright, N. Y., will conduct the physical examination.

AT FORT HANCOCK, N. J.

Colonel *Henry L. Harris*, Coast Artillery Corps, Fort Hancock, N. J.;

Lieutenant Colonel *Clarence Deems*, Coast Artillery Corps, Fort Hancock, N. J.:

Major *George F. Barney*, Coast Artillery Corps, Fort Hancock, N. J.;

Major *Charles C. Jamieson*, Ordnance Department, Watervliet Arsenal, N. Y.

A medical board of officers to consist of:

Captain *William M. Roberts*, Medical Corps, Fort Hancock, N. J.; First Lieutenant *Arthur R. Jarrett*, Medical Reserve Corps, Fort Hamilton, N. Y.,

will conduct the physical examination.

AT FORT DUPONT, DEL.

Colonel *John R. Williams*, Coast Artillery Corps, Fort DuPont, Del.;

Major *Charles A. Bennett*, Coast Artillery Corps, Fort Mott, N. J.

A medical board of officers to consist of:

Captain *Henry D. Snyder*, Medical Corps, Fort McHenry, Md.;

First Lieutenant *W. Church Griswold*, Medical Reserve Corps, Fort DuPont, Del.,

will conduct the physical examination.

AT FORT HOWARD, MD.

Lieutenant Colonel *William C. Rafferty*, Coast Artillery Corps, Fort Howard, Md.;

Major *Elmer W. Hubbard*, Coast Artillery Corps, Fort McHenry, Md.

A medical board of officers to consist of:

Captain *Charles F. Morse*, Medical Corps, Fort Howard, Md.;

First Lieutenant *William L. Hart*, Medical Reserve Corps, Washington Barracks, D. C.,

will conduct the physical examination.

AT FORT MONROE, VA.

Colonel *William H. Coffin*, Coast Artillery Corps, Fort Washington, Md.;

Major *Thomas Ridgway*, Coast Artillery Corps, Fort Monroe, Va.;

Major *Isaac N. Lewis*, Coast Artillery Corps, Fort Monroe, Va.;

Major *John D. Barrette*, Coast Artillery Corps, Fort Monroe, Va.;

Major *Thomas W. Winston*, Coast Artillery Corps, Fort Monroe, Va.;

Major *Charles S. Walkley*, Chaplain, Coast Artillery Corps, Fort Monroe, Va.

A medical board of officers to consist of:

Captain *Charles A. Ragan*, Medical Corps, Fort Monroe, Va.;

Captain *George P. Peed*, Medical Corps, Fort Monroe, Va., will conduct the physical examination.

AT FORT JAY, N. Y.

Lieutenant Colonel *Louis Brechemin*, Medical Corps, New York City;

Major *George T. Holloway*, Paymaster, New York City;

Major *Delamere Skerrett*, Paymaster, New York City;

Major *Amos W. Kimball*, Quartermaster, New York City.

A medical board of officers to consist of:

Lieutenant Colonel *Charles Richard*, Medical Corps, Fort Jay, N. Y.

First Lieutenant *George F. Adair*, Medical Reserve Corps, Fort Wood, N. Y.,

will conduct the physical examination.

AT FORT TOTTEN, N. Y.

Major *Edgar A. Mearns*, Medical Corps, Fort Totten, N. Y.;

Major *Wirt Robinson*, Coast Artillery Corps, Quartermaster, West Point, New York;

Major *Archibald Campbell*, Coast Artillery Corps, Fort Totten, N. Y.

A medical board of officers to consist of:

Major *James S. Wilson*, Medical Corps, Fort Hamilton, N. Y.;

First Lieutenant *William R. S. George*, Medical Reserve Corps, Fort Totten, N. Y.,

will conduct the physical examination.

In complying with this order, Major *Wilson*, Captain *Snyder*, and Lieutenants *Jarrett*, *Hart* and *Adair*, will, immediately after the preliminary examination on October 4, return to their proper stations, and will return to point of assembly in time to make the final examinations.

Upon completion of the duties involved in this order, the officers mentioned will return to their proper stations.

The travel directed is necessary in the military service. (25968.)

* * * * *

BY COMMAND OF MAJOR GENERAL GRANT:

GEORGE S. ANDERSON,

Colonel, General Staff,
Chief of Staff.

OFFICIAL:

H. O. S. HEISTAND,

Adjutant General.